

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of  
**Masanobu ANDO, et al.**

Serial No.: Not Yet Assigned      Group Art Unit: Not Yet Assigned  
Filing Date: Concurrently Herewith      Examiner: Not Yet Assigned  
For: **LIGHT-EMITTING SEMICONDUCTOR DEVICE AND A METHOD OF  
MANUFACTURING IT**

Honorable Commissioner of Patents  
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

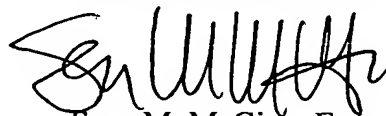
Under the provisions of 37 CFR §1.97 through §1.98 and pursuant to applicant's duty of disclosure under 37 CFR §1.56, applicants respectfully bring the following documents listed on the attached form PTO-1449 and cited in the International Search Report (PCT Form PCT/ISA/210) in the International application, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner. In compliance with the concise explanation requirement under 37 CFR §1.98(a)(3) for foreign language documents, the relevance of some of these documents is discussed on pages 1-2 of the subject application, and English-language Abstracts are attached to the references.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which applicants are aware.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-0481.

Respectfully submitted,



Sean M. McGinn, Esq.  
Registration No. 34,386

Date: 1/12/06  
**MCGINN INTELLECTUAL PROPERTY  
LAW GROUP, PLLC**  
8321 Old Courthouse Road, Suite 200  
Vienna, Virginia 22182-3817  
(703) 761-4100  
Customer No. 21254

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

F05-420-US

APPLICATION NO.

Not Yet Assigned

APPLICANT(S)

Masanobu ANDO, et al.

12 JAN 2006

FILING DATE

GROUP-ART UNIT

Concurrently Herewith

Not Yet Assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,100,586	08/08/2000	Chen et al.			
	5,578,839	11/26/1996	Nakamura et al.			

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2002-43695	02/08/2002	Japan			ABS	
	2003-197969	07/11/2003	Japan			ABS	
	2003-101081	04/04/2003	Japan			ABS	
	11-46038	02/16/1999	Japan			ABS	
	11-16812	01/22/1999	Japan			ABS	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		R.P. Schneider, Jr. et al., "MOVPE growth of InAlGaP-based visible vertical-cavity surface-emitting lasers" Journal of Crystal Growth 124 (1992) 763-771 North-Holland
		S. Keller et al., "Growth of bulk InGaN films and quantum wells by atmospheric pressure metalorganic chemical vapour deposition" Journal of Crystal Growth 170 (1997) 349-352

EXAMINER	DATE CONSIDERED
----------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
F05-420-US

APPLICATION NO. **10/554,416**  
Not Yet Assigned

Masanobu ANDO, et al. **JAR30 Rec'd PCT/PTO 12 JAN 2006**

FILING  
Concurrently Herewith

GROUP ART  
Not Yet Assigned

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		2003-229645	08/15/2003	Japan			ABS	
		2002-16284	01/18/2002	Japan			ABS	
		2003-234545	08/22/2003	Japan			ABS	
		2001-160627	06/12/2001	Japan			ABS	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

			C.F. Klingshirn, "Semiconductor Optics" Springer, p284-331

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.